

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-9_350**

ANALYST & DATE: TB/RM, 8/17/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 2.6%		
MODE 2:	81.00	3.631	SAND: 99.0%	MEDIUM SAND: 11.4%		
MODE 3:			MUD: 1.0%	FINE SAND: 56.7%		
D_{10} :	81.73	1.863		V FINE SAND: 28.3%		
MEDIAN or D_{50} :	160.9	2.636	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.0%		
D_{90} :	275.0	3.613	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.364	1.940	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	193.2	1.750	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.758	1.355	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	88.06	0.814	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	178.7	157.8	2.664	154.6	2.693	Fine Sand
SORTING (σ):	100.6	1.611	0.688	1.602	0.680	Moderately Well Sorted
SKEWNESS (Sk):	2.416	0.296	-0.296	-0.069	0.069	Symmetrical
KURTOSIS (K):	11.27	3.566	3.566	1.167	1.167	Leptokurtic

GRAIN SIZE DISTRIBUTION